

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2283/301	JAN 08 2001 JC42	SERIAL NO. 09/574,735
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Leivan DeVeylder et al.		
(use several sheets if necessary) (PTO-1449)		FILING DATE May 18, 2000	GROUP ART UNIT 1643 1638	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CC	AA	5,750,862	5/12/1998	Peter C. L. John, et al.			
↓	AB	6,087,175	7/11/2000	Peter C. L. John, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

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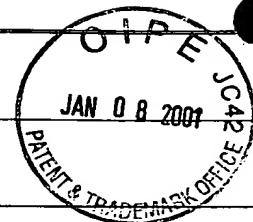
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE
CC	AH	WO 99 64599	12/16/99	PCT			
↓	AI	WO 99 14331	3/25/99	PCT			
↓	AJ	WO 97 26327 A	7/24/97	PCT			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

CC	AK	Burssens S., et al. (1998) "The cell cycle in <i>Arabidopsis</i> ", <i>Plant Physiol. Biochem</i> 36(1-2): 9-19.
↓	AL	Burssens S., et al. (1998) "Identification of novel cell cycle genes in <i>Arabidopsis thaliana</i> ", current abstract <i>Plant Science and Biotechnology in Agriculture</i> 36.
↓	AM	Chen, J., et al. (1996) "Cyclin-Binding Motifs Are Essential For The Function Of p21 <sup>CIP1</sup> ", <i>Molecular and Cellular Biology</i> 16(9): 4673-4682.
↓	AN	de Almedia Engler, J., et al. (1999) "Molecular Markers And Cell Cycle Inhibitors Show The Importance Of Cell Cycle Progression In Nematode-Induced Galls And Syncytia", <i>Plant Cell</i> 11: 793-808.
↓	AO	Doerner, P., et al. (April 11, 1996) "Control of root growth and development by cyclin expression", <i>Nature</i> 380:520-523.
EXAMINER	Cynthia Collins	DATE CONSIDERED 4/2/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6.9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

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	BA						
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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE
CC	BH	WO 00 60087	10/12/00	PCT			
↓	BI	WO 96 31534 A	10/10/96	PCT			
↓	BJ	WO 92 09685	6/11/92	PCT			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

CC	BK	Doonan, J., (1996) "Plant Growth: Roots In The Cell Cycle", <i>Current Biology</i> 6(7): 788-789.
↓	BL	Forsburg, Susan L. (2000) "Themes and variations: the First Salk Institute Cell Cycle Meeting, 18-22 June 1999", <i>Biochimica et Biophysica Acta</i> 1470: R13-R16.
↓	BM	Fountain, M.D., (November 27, 1997) "Chenopodium rubrum G1 cyclin-dependent kinase inhibitor mRNA, complete cds." EMBL Accession No. AJ002173.
↓	BN	Hemerly A.S., et al. (1999) "Cell Cycle Control And Plant Morphogenesis: Is There An Essential Link?" <i>Bioessays</i> 21: 29-37.
↓	BO	Hemerly, A., et al., (December 1993) "cdc2a Expression in Arabidopsis is Linked with Competence for Cell Division", <i>The Plant Cell</i> 5: 1711-1723.
EXAMINER	Cynthia Collins	
	DATE CONSIDERED	4/21/02

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CC	CH	WO 97 26327 A	7/24/97	PCT			
↓	CI	WO 97 20842 A	10/10/96	PCT			
↓	CJ	WO 97 16447 A	5/9/97	PCT			

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CC	CK	Hemerly et al. (1995) "Dominant Negative Mutants of the CDC2 Kinase Uncouple Cell Division From Iterative Plant Development", <i>Embo Journal</i> 14(16): 3925-3936.
↓	CL	Hinds, Phil (1999) "The cell cycle Cold Spring Harbor, 20-24 May 1998", <i>Biochimica et Biophysica Acta</i> 1423:R63-R67.
↓	CM	Huntley, Rachel P., et al. (1999) "The Plant Cell Cycle", <i>Plant Biology</i> 2: 447-453.
↓	CN	Inze, D., et al. (1999) "Trends In Plant Cell Cycle Research", <i>Plant Cell</i> 11(1): 1-4.
↓	CO	Jacqmarc, A., et al. (1999) "Expression Of CKS1 At In <i>Arabidopsis thaliana</i> Indicates A Role For The Protein In Both The Mitotic And The Endoreduplication Cycle", <i>Planta</i> 207: 496-504.
EXAMINER <i>Lynthia Collins</i>		DATE CONSIDERED 4/21/02

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cc	DH	WO 93 15213 A	8/5/93	PCT	1	1	
	DI						
	DJ						

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

cc	DK		LaBaer, J., et al. (1997) "New Functional Activities For The p21 Family of CDK Inhibitors", <i>Genes &amp; Development</i> 11: 847-862.
	DL		Lui, H., et al. (2000) "The Arabidopsis Cdc2a-Interacting Protein ICK2 Is Structurally Related To ICK1 and is a potent inhibitor of cyclin-dependent kinase activity in vitro", <i>Plant Journal</i> 21(4): 379-385.
	DM		Mironov, V., et al. (1999) "Cyclin-Dependent Kinases And Cell Division In Plants-The Nexus", <i>Plant Cell</i> . 11: 509-522.
	DN		Nakamura Y. (April 14, 1998) "Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone:K24G6" EMBL Accession No. AB012242.
↓	DO		Nakayama, K. et al. (1998) "Cip/Kip Cyclin-Dependent Kinase Inhibitors: Brakes Of The Cell Cycle Engine During Development", <i>Bioessays</i> 20: 1020-1029.
EXAMINER <i>Cynthia Collins</i>			DATE CONSIDERED <i>4/2/02</i>

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	EH						
	EI						
	EJ						

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

CC	EK	Niebel, A., et al. (1996) "Induction of cdc2a and cyc1 At Expression in <i>Arabidopsis thaliana</i> During Early Phases of Nematode-Induced Feeding Cell Formation", <i>Plant Journal</i> 10(6): 1037-1043.
↓	EL	Planchais, S., (1997) "Roscovitine, a novel cyclin-dependent kinase inhibitor, characterizes restriction point and G2/M transition in tobacco By-2 cell suspension", <i>The Plant Journal</i> 12(1):191-202.
	EM	Pyke, K, et al. (1999) "Cellular Differentiation and Leaf Morphogenesis in <i>Arabidopsis</i> ", <i>Critical Reviews in Plant Sciences</i> 18(4): 527-546.
	EN	Reed, S. I. (1996) "G1/S Regulatory Mechanisms From Yeast To Man", <i>Prog. Cell Cycle Res.</i> 2: 15-27.
↓	EO	Veylder De, et al. (1997) "The Arabidopsis CKS1 At Protein Binds The Cyclin-Dependent Kinases CDC2AAT and CDC2BAT", <i>Febs Letters</i> 412 no. 3 and 4: 446-452.

EXAMINER

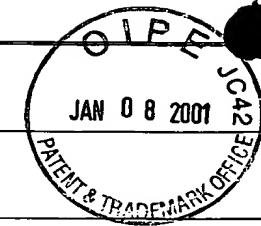
*Lynetta Collins*

DATE CONSIDERED

*4/2/02*

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	FH						
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	FJ						

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

CC	PK		Wang, H., et al. (1997) "A Plant Cyclin-Dependent Kinase Inhibitor Gene", <i>Nature</i> 386: 451-452.
	FL		Wang, H., et al. (1998) "ICK1, A Cyclin-Dependent Protein Kinase Inhibitor From <i>Arabidopsis thaliana</i> Interacts With Both Cdc2a and CycD3, And Its Expression Is Induced By Abscisic Acid", <i>Plant Journal</i> 15(4): 501-510.
↓	FM		Wang H., et al. (1997) "Arabidopsis thaliana cyclin-dependent kinase inhibitor protein (ICK1) mRNA, complete cds", EMBL Accession No. U94772, April 29, 1997.
	FN		
	FO		
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